

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Platts

Docket No.: S-100,626

Serial No.: 10/614,772

Examiner:

Filed : July 8, 2003

Art Unit: 3745

For : RADIAL-RADIAL SINGLE ROTOR TURBINE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56, 1.97, AND 1.98

Sir:

The documents listed below are identified in compliance with the duty of disclosure defined in 37 CFR 1.56. Copies are attached as appropriate.

1. David A. Platts, "Single Rotor Turbine Engine," U. S. Patent 6,430,917, issued August 13, 2002.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

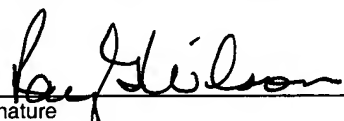
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☐ transmitted by facsimile to the
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Date Oct. 13, 2004



Signature

Ray G. Wilson

(type or print name of person certifying)

2. W. E. Trumpler, "Internal Combustion Turbine," U. S. Patent 2,138,220, issued November 29, 1938.
3. F. K. Gruss, "Turbine Compressor," U. S. Patent 2,537,344, issued January 9, 1951.
4. C. F. Bachle, "Coaxial Combustion Products Generator, Turbine, and Compressor," U. S. Patent 2,595,505, issued May 6, 1952.
5. F. Turanciol, "Rotary Radial Flow Jet Engine," U. S. Patent 3,077,075, issued February 12, 1963.
6. G. Derderian, "Pump," U. S. Patent 3,093,084, issued June 11, 1963.
7. R. L. Leutzinger, "Radial Jet Engine," U. S. Patent 3,103,325, issued September 10, 1963.
8. J. Hovorka, "Rotary Internal Combustion Engine," U. S. Patent 3,130,546, issued April 28, 1964.
9. J. E. Chapman, "Thermodynamic Engine," U. S. Patent 3,156,093, issued November 10, 1964.
10. Earl W. Traut, "Integrated Flow Gas Turbine," U. S. Patent 3,709,629, issued January 9, 1973.
11. Richard R. Coleman et al., "Integral Turbo-Compressor Wave Engine," U. S. Patent 3,811,796, issued May 21, 1974.
12. Robert Julian Hansford et al., "Propulsion Units," U. S. Patent 3,892,069, issued July 1, 1975.
13. Robert A. Oklejas et al., "Gas Regeneration Tesla-Type Turbine," U. S. Patent 3,899,875, issued August 19, 1975.
14. Thomas Sanfran Miyada, "Rotary Engine," U. S. Patent 3,940,924, issued March 2, 1976.
15. Richard R. Coleman et al., "Staged Expansion System As Employed With An Integral Turbo-Compressor Wave Engine," U. S. Patent 3,958,899, issued May 25, 1976.

16. Robert A. Oklejas et al., "Tesla Type Turbine With Alternating Spaces On The Rotor Of Cooling Air and Combustion Gases," U. S. Patent 3,999,377, issued December 28, 1976.
17. Richard R. Coleman et al., "Compressor-Expander Rotor As Employed With An Integral Turbo-Compressor Wave Engine," U. S. Patent 4,002,414, issued January 11, 1977.
18. Richard Chute, "Centrifugal Flow Gas Turbine Engine With Annular Combustor," U. S. Patent 4,034,560, issued July 12, 1977.
19. John A. Brewer, "Jet Engine With Compressor Driven By A Ram Air Turbine," U. S. Patent 4,051,671, issued October 4, 1977.
20. Earl W. Traut, "Integrated Flow Turbine Engine," U. S. Patent 4,070,824, issued January 31, 1978.
21. Richard Chute, "Gas Turbine," U. S. Patent 4,086,760, Issued May 2, 1978.
22. Homer J. Wood, "Single Shaft Gas Turbine Engine With Radial Exhaust Diffuser," U. S. Patent 4,177,638, issued December 11, 1979.
23. Harold Morris, "Rotary Prime Mover," U. S. Patent 4,463,551, issued August 7, 1984,
24. Ray Acosta, "Turbo-Compressor Apparatus," U. S. Patent 4,482,303, issued November 13, 1984.
25. Eugene Bahniuk, "Axial Flow Turbine," U. S. Patent 4,757,682, issued July 19, 1988.
26. C. Allan Larson et al., "Radial Turbine Wheel," U. S. Patent 4,923,370, issued May 8, 1990.
27. Donald Jensen, "Gas Turbine For Converting Fuel To Electrical and Mechanical Energy," U. S. Patent 5,185,541, issued February 9, 1993.
28. Colin Rodgers et al., "Small Diameter Gas Turbine Engine," U. S. Patent 5,207,054, issued May 4, 1993.
29. John Corrado et al., "Turbine Nozzle Cooling," U. S. Patent 5,280,703, issued January 25, 1994.

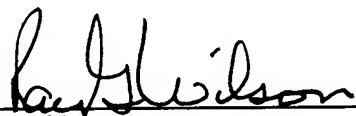
30. Jack R. Shekleton et al., "Annular Combustor," U. S. Patent 5,363,644, issued November 15, 1994.
31. Martin G. Rose, "Gas Turbine Engine Turbine," U. S. Patent 5,466,123, issued November 14, 1995.
32. Harry L. Kington et al., "Dual Pilot Ring For A Gas Turbine Engine," U. S. Patent 5,664,413, issued September 9, 1997.
33. Takashi Bannai et al., "Gas Turbine Engine With Recuperator," U. S. Patent 5,855,112, issued January 5, 1999.
34. Alan H. Epstein et al., "Microturbomachinery," U. S. Patent 5,932,940, issued August 3, 1999.
35. Mohammad F. Hamedani, "Jet Engine Having Radial Turbine Blades and Flow-Directing Turbine Manifolds," U. S. Patent 5,996,336, issued December 7, 1999.
36. Franklin Van Den Hout and Joe Koullen, "A Tiny Turbojet For Model Aircraft," Mechanical Engineering, pp. 66-69, August 1997.
37. Richard Sanders, "What Is So Attractive About Micro-Turbines?" Powerline Magazine, pp. 27-34, December 1998.

This Information Disclosure Statement is not to be construed as a representation that a search has been made or that additional matter material to the examination of this application does not exist. Applicant does not believe that any of these citations constitutes prior art under 35 U.S.C. 102.

It is requested that the above citations be made of record in the prosecution of this application.

Respectfully submitted,

Date: Oct. 13, 2004



Signature of Attorney

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Phone (505) 665-3112

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Los Alamos, New Mexico 87545

PTO form 1449A				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/614,772
				Filing Date	7/8/2003
				First Named Inventor	David Platts
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	S-100,626
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-6,430,917	David A. Platts	08/13/02	
	2	US-2,138,220	W.E. Trumpler	11/29/38	
	3	US-2,537,344	F.K. Gruss	01/09/51	
	4	US-2,595,505	C.F. Bachle	05/06/52	
	5	US-3,077,075	F. Turancioli	02/12/63	
	6	US-3,093,084	G. Derderian	06/11/63	
	7	US-3,103,325	R.L. Leutzing	09/10/63	
	8	US-3,130,546	J. Hovorka	04/28/64	
	9	US-3,156,093	J.E. Chapman	11/10/64	
	10	US-3,709,629	Earl W. Traut	01/09/73	
	11	US-3,811,796	Richard R. Coleman	05/21/74	
	12	US-3,892,069	Robert J. Hansford	07/01/75	
	13	US-3,899,875	Robert A. Oklejas	08/19/75	
	14	US-3,940,924	Thomas Miyada	03/02/76	
	15	US-3,958,899	Richard R. Coleman	05/25/76	
	16	US-3,999,377	Robert A. Oklejas	132/28/76	
	17	US-4,002,414	Richard R. Coleman	01/11/77	
	18	US-4,034,560	Richard Chute	07/12/77	
	19	US-4,051,671	John A. Brewer	10/04/77	
	20	US-4,070,824	Earl W. Traut	01/31/78	

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Examiner Signature				Date Considered		

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²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

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⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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	21	US-4,086,760	Richard Chute	05/02/78	
	22	US-4,177,638	Homer J. Wood	12/11/79	
	23	US-4,463,551	Harold Morris	08/07/84	
	24	US-4,482,303	Ray Acosta	11/13/84	
	25	US-4,757,682	Eugene Bahniuk	07/19/88	
	26	US-4,923,370	C. Allan Larson	05/08/90	
	27	US-5,185,541	Donald Jensen	02/09/93	
	28	US-5,207,054	Colin Rodgers	05/04/93	
	29	US-5,280,703	John Corrado	01/25/94	
	30	US-5,363,644	Jack R. Shekleton	11/15/94	
	31	US-5,466,123	Martin G. Rose	11/14/95	
	32	US-5,664,413	Harry L. Kington	09/09/97	
	33	US-5,855,112	Takashi Bannai	01/05/99	
	34	US-5,932,940	Alan H. Epstein	08/03/99	
	35	US-5,996,336	Mohammad F. Hamedani	12/07/99	

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				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	S-100,626

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (when known)	T ²
		FRANKLIN VAN DEN HOUT AND JOE KOULLEN, "A Tiny Turbojet For Model Aircraft," Mechanical Engineering, pp. 66-69, August 1997	
		RICHARD SANDERS, "What Is So Attractive About Micro-Turbines?" Powerline Magazine, pp. 27-34, December 1998	
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